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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
 [Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस।
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 PATENTS AND DESIGNS
 Calcutta, the 4th July 1998

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Telegraphic address "PATENTOFIC"

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Patent Office Branch,
 Wing 'C' (C-4, A),
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 and Aminidivi Islands.

Telegraphic address "PATENTOFIS".
 Ph. No. 492 1495 Fax No. 044-4901492

Patent Office (Head Office),
 "NIZAM PALACE", 2nd M.S.O.
 Building, 5th, 6th and 7th
 Floor, 234/4, Acharya Jagadish
 Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".
 Ph. No. 247 4401 Fnx 033-2473851

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by bank draft or cheque payable to the Controller of Patents drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्थ तथा अभिकल्प

कलकत्ता, विनांक 4 जुलाई 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है, तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शास्त्र कार्यालय हैं, जिनके प्रावेशिक अधिकार जौन के जाधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शास्त्र, टॉडी इस्टेट,
तीसरा तल, लोअर परंत (प.),
मुम्बई-400013।

गुजरात, महाराष्ट्र, संघ प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली।

तार पता - "पेटेंटिफिस"

फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शास्त्र,
पाक म. 401 से 405, तीसरा तल,
मारवाड़ीलका बाजार भवन,
मरस्कली मार्ग, करौल बाग,
महाराष्ट्र-110 005।

श्रीराधारा, हिमाचल प्रदेश, अम्म
मथा कडमीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटिफिस"

फोन : 578 2532 फैक्स : 011-5766204

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20.

The dated shown in the crecent bracketed are the dated
claimed under section 135, under Patent Act, 1970

18-05-1998

885/Cal/98. 1. Manan Sengupta; 2. Laxmi Kant Arora;
3. Thermichan Tuithung, "Concept of a new
vernier callipers for measurement of angle".

886/Cal/98. Henkel Corporation, "Cartotenoid formulation".
(Convention No. P06933 on 22-05-97 in
Australia).

887/Cal/98. Equistar Chemicals, LP., "Blended dyes and
process for dyeing polypropylene fibers" (Con-
vention No. 08/858,739 on 19-5-97 in U.S.A.).

888/Cal/98. Siemens Aktiengesellschaft, "Non-Volatile
memory cell" (Convention No. 19726085.3 on
19-6-97 in Germany).

889/Cal/98. Matsushita Electric Industrial Co. Ltd., "Antenna
resonance control apparatus" (Convention No.
9-158125 on 30-5-1997 in Japan).

पेटेंट कार्यालय शास्त्र,
पिंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बस्त नगर, चेन्नई-600090।

मान्थ प्रदेश, कर्नाटक, केरल, तमिलनाडू,
तथा पारिषद्धरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्ष्मीपुर, मिनिकाल
तथा एमिनिदिव व्यापार।

तार पता - "पेटेंटिफिस"

फोन : 490 1495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, दिल्लीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आसार्य अगवाल बास मार्ग,
कलकत्ता-700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंटिस"

फोन : 247 4401 फैक्स : 033-2473851

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीक्षित सभी आवेदन-पत्र, सूचनाएं विवरण या अन्य प्रक्रिया पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क : शुल्कों की अवधारी या से नकद की जाएंगी अथवा
अप्पां उपयुक्त कार्यालय अवैध्यत है, उस स्थान
के अनुसूचित क्षेत्र से नियंत्रक वो भुगतान योग्य क्षेत्र ब्राफ़र व्यवसा
क्षेत्र द्वारा की जा सकती है।

890/Cal/98. Matsushita Electric Industrial Co. Ltd.,
"Antenna array receiver and a method of correcting
a phase shift amount of a receiving signal"
(Convention No. 9-158126 on 30-05-97 in
Japan).

891/Cal/98. Celanese International Corporation, "Vinyl ac-
tate catalyst comprising palladium and gold
deposited on a copper containing carrier" (Con-
vention No. 08/867,911 on 3-6-97 in U.S.A.).

892/Cal/98. Celanese International Corporation, "Vinyl
acetate process utilizing a palladium-gold-copper
catalyst" (Convention No. 08/870120 on 3-6-97
in U.S.A.).

893/Cal/98. Fumapharm AG, "Pharmaceutical composition
of fumaric acid derivatives and use thereof"
(Convention No. 197 21 099.6 on 20-5-97 in
Germany).

894/Cal/98. Commonwealth Scientific and Industrial Re-
search Organisation, "Method for microwave
browning of vegetables and apparatus therefor"
(Convention No. P06871 on 19-5-97 in
Australia. (Convention No. PP1522 on 27-1-98
in Australia).

895/Cal/98, Commonwealth Scientific and Industrial Research "A method for obtaining trousers with improved stability" (Convention No. P06904/97 on 20-5-97 in Australia).

896/Cal/98, Gemplus S.C.A., "A microprocessor chip card".

897/Cal/98, Fico Cables S.A., "Safety brake mechanism for automobile vehicles" (Convention No. P9701131 on 26-5-97 in Spain).

898/Cal/98, Dr. Pratap Chakraborty, and Mr. Susanta Bhattacharya, "Formulation and optimization of Process Parameters of nutritionally balanced extruded aquatic feed".

899/Cal/98, Dr. Pratap Chakraborty, and Mr. Soumitra Benerjee, "Formulation and optimization of process parameters of nutritionally balanced extruded aquatic feed".

19-05-1998

900/Cal/98, Philips Electronics N.V., "Ballast". (Convention No. 60/046,955 on 19-5-97 & 08/966,724 on 10-11-97 in U.S.A.).

901/Cal/98, Siemens Aktiengesellschaft, "Method for driving at least one capacitive actuator" (Convention No. 19723932.3 on 6-6-97 in Germany).

902/Cal/98, De Nora S.P.A., "Ion-Exchange membrane bipolar electrolyzer". (Convention No. M197A 001296 on 3-6-97 & M198A 000915 on 29-4-98 in Italy).

903/Cal/98, Ohio Electronics Engravers, Inc., "An engraver for engraving a cylinder and a method of engraving" (Divided out of No. 67/Cal/94; dated 2-2-94).

904/Cal/98, Neway Anchorlok International, Inc., "Dual trailing ARM vehicle suspension" (Convention No. 08/865,428 on 29-5-97 in U.S.A.).

905/Cal/98, British-American Tobacco Company Limited, "Ultralight coaxial cigarette including a multipart filter" (Convention No. 19722812.7 on 30-5-97 in Germany).

906/Cal/98, Mitsuhiro Fukada, "Permanent magnetic dynamo" (Convention No. 9-152815 on 26-5-97 in Japan).

20-05-1998

907/Cal/98, 1. Asit Kumar Bhakat, 2. Steel Authority of India Limited, "An improved process for manufacturing tractor discs".

908/Cal/98, Iscar Ltd., "An improved cutting tool assembly".

909/Cal/98, Arzneimittelwerk Dresden GMBH, "Use of 1-AR(ALK) ylimidazolin-2-ones for the treatment of anxiety and tension states" (Convention No. 19721580.7 on 23-5-97 in Germany).

910/Cal/98, Merck Patent Gesellschaft Mit Beschränkter Haftung, "New nitromethyl ketones, process for preparing them and compositions containing them".

911/Cal/98, Holter Regelarmaturen GMBH Co. KG, "Pump protecting armature" (Convention No. 19724511.0 on 11-6-97 in Germany).

912/Cal/98, Commonwealth Scientific and Industrial Research, "A method for obtaining trousers with improved stability" (Convention No. P06904/97 on 20-5-97 in Australia).

913/Cal/98, Comer SPA, "Baffle for reactors used for liquids purification". (Convention No. V197A000083 on 30-5-97 in Italy).

914/Cal/98, Comer SPA, "Perfected reactor for liquids purification". (Convention No. VI97A000081 on 30-5-97 in Italy).

915/Cal/98, Debasish Bhattacharya, "A Hindustani slide guitar".

21-05-1998

916/Cal/98, Saucy Limited, "Clear, injectable formulation of an anesthetic compound" (Convention No. 1997 1224/97 on 26-5-97 in Switzerland).

917/Cal/98, Saucy Limited, "Process for preparation clear, injectable formulation of an anesthetic compound" (Convention No. 1997 1224/97 on 26-5-97 in Switzerland).

918/Cal/98, Samsung Electronics Co. Ltd., "Data detector and method using the same" (Convention No. 97-39946 on 21-8-97 in Republic of Korea).

919/Cal/98, Ishikawajima-Harima Heavy Industries Co. Ltd., "Apparatus for analyzing bubble jet from a ship" (Convention No. 9-142818 on 30-5-97 & 10-05543 on 6-3-98 in Japan).

920/Cal/98, Degussa Aktiengesellschaft, "A shaped activated metal, fixed-bed catalyst" (Convention No. 197 21 898.9 on 26-5-97 in Germany).

921/Cal/98, Santoni S.P.A., "Lowering sinker actuation cam set for circular knitting machines for forming standard-terry knitting and sandwich terry knitting".

922/Cal/98, Santoni S.P.A., "Yarn feeder, particularly for yarns with high elongation coefficient, in circular knitting machines" (Convention No. M197A-001295 on 2-6-97 in Italy).

22-05-1998

923/Cal/98, Elettrotecnica B.C. S.P.A., "Iron" (Convention No. M197A001886 on 5-8-97 in Italy).

924/Cal/98, Siemens Aktiengesellschaft, "Protected semiconductor chip" (Convention No. 19723066.0 on 2-6-97 in Germany).

925/Cal/98, BSH Bosch UND Siemens Hausgeräte GMBH, "Program progress indicator at a domestic appliance" (Convention No. P19724479 on 10-6-97 in Germany).

926/Cal/98, Samsung Electronics Co. Ltd., "Optical fiber cable" (Convention No. 20932/1997 on 27-5-97 in Korea).

927/Cal/98, Hewlett-Packard Company, "Electrophotographic component cleaning apparatus" (Convention No. 08/936,096 on 23-9-97 in U.S.A.).

928/Cal/98, Shaw Industries Ltd., "Suspension system of high resolution velocity geophone" (Divided out of No. 866/Cal/94; dt. 20-10-94).

929/Cal/98, Shaw Industries Ltd., "Resilient shock absorber for high resolution velocity geophone" (Divided out of No. 866/Cal/94; dt. 20-10-94).

930/Cal/98, NGK Insulators, Ltd., "Ceramic articles with conductive glaze" (Convention No. 97303691.6 on 2-6-97 in Europe).

931/Cal/98, Washington State University Research Foundation, "Method of production/isolation of sucrose-binding proteins, nucleic acid vectors and recombinant expression cassette" (Convention No. 60/047,568 on 22-5-97 in U.S.A.).

932/Cal/98, TII Industries, Inc., "Residential protection service center" (Convention No. 08/868,351 on 3-6-97 & 09/052,233 on 31-3-98 in U.S.A.).

933/Cal/98, Surendra Maneklal Shah, "A process for the preparation of D-enriched sotalol".

934/Cal/98, Surendra Maneklal Shah, "Novel benzofuran derivatives, pharmaceutical composition containing the same, process of their preparation, and their therapeutic uses".

935/Cal/98, Surendra Maneklal Shah, "Process for the preparation of novel benzofuran derivative, novel benzofuran derivatives, pharmaceutical compositions containing the same, and their therapeutic uses".

26-05-1998

936/Cal/98. Dr. Amiya Kumar Bhattacharya, 'A self energising instrument' (Patent of Addition No. 263/Cal/95; on 13-3-95).

937/Cal/98. Denki Kagaku Kogyo Kabushiki Kaisha, "Process for the production of a vinyl chloride/vinyl acetate copolymer" (Convention No. 9-136463 on 27-5-97 & 10-46418 on 13-2-98 in Japan).

938/Cal/98. Canal + Societe Anonyme, "Subtitling device". (Convention No. 97401075.1 on 29-4-98 in EPO).

939/Cal/98. Guacemmi Participacoes Societarias LTDA, "Radiant system in accumulators and resultant product" (Convention No. PI9705871-8 on 26-5-97 in Brazil).

940/Cal/98. Thomson Consumer Electronics Inc., "Apparatus and method for processing a quadrature amplitude modulated (QAM) signal" (Convention No. 08/884,947 on 30-6-97 in U.S.).

941/Cal/98. Hitachi, Ltd., "Rotating electric machine" (Convention No. 09-141383 on 30-5-97 in Japan).

942/Cal/98. Metallgesellschaft Aktiengesellschaft, "Method of producing TiO_2 according to the sulfate process" (Convention No. 19800881.3 on 13-1-98 in Germany).

943/Cal/98. Matsushita Electric Industrial Co. Ltd., "Adaptive array antenna receiving apparatus" (Convention No. 9-164972 on 6-6-97 in Japan).

944/Cal/98. Siemens Aktiengesellschaft, "Gas-Turbine plant" (Convention No. 19722166.1 on 27-5-97 in Germany).

945/Cal/98. Siemens Aktiengesellschaft, "Method for controlling and preconfiguring a steelworks or parts of a steelworks" (Convention No. 19731980.7 on 24-7-97 in Germany).

स्वीकृत सम्पूर्ण विनिर्देश

एतम् शब्दारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर फ़टटे अनुदान के विरोध करने के इच्छुक वह है अधिक, इसके निर्देश को तिथि से भार (4) महीने या अधिक दोस्रो अधिक या उक्त 4 महीने की अधिक की समाप्ति के पूर्व फ़टटे नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अधिक से अधिक न हो, के भीतर तभी भी नियंत्रक, एकस्वरूप उपयुक्त कार्यालय में दोस्रे विधेय की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिलित वक्तव्य, उक्त सूचना के साथ अथवा पट्टे नियम, 1972 के नियम 36 में यथा विहित इसकी विधि के एक महीने के भीतर ही फ़ाइल किए जाने चाहिए।

"अत्यधिक विनिर्देश के संदर्भ में" मीठे विए अग्रीकरण, भारतीय अग्रीकरण तथा अन्तर-राष्ट्रीय अग्रीकरण के अनुरूप है।"

रूपांकन (चित्र आरेखों) की फ़ाटो प्रतियां यदि कोई हैं, के साथ विनिर्देशों की जीकित अथवा फ़ाटो प्रतियां की आपूर्ति फ़टटे कार्यालय, कलकत्ता अथवा उपर्युक्त शास्त्र कार्यालय द्वारा विहित नियमान्तरण प्रभार जिससे उक्त कार्यालय से पश्च अवहार द्वारा दूनिहित करने के उपरान्त उसकी गवायगी पर की जा

सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (अर्थात् प्रत्येक पृष्ठ का लियान्तरण प्रभार 2/- रु. है) फ़ाटो लियान्तरण प्रभार का परिकलन किया जा सकता है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

Ind. Cl. : 206 B

181511

Int. Cl. : H 04 N 07/173

"AN APPARATUS FOR ENHANCING THE FUNCTIONALITY OF A SET TOP TERMINAL FOR USE IN A CABLE TELEVISION SYSTEM".

Applicant : DISCOVERY COMMUNICATIONS, INC., OF 7700 WISCONSIN AVENUE, BETHESDA, MONTGOMERY COUNTY, MARYLAND 20814-3522, UNITED STATES OF AMERICA.

Inventors :

1. JOHN SAMUEL HENDRICKS
2. RICHARD EARL WUNDERLICH
3. ALFRED EUGENE BONNER
4. ERIC CARL BERKOBIN

Application No. : 766/Cal/1993 filed on 7th December, 1993.

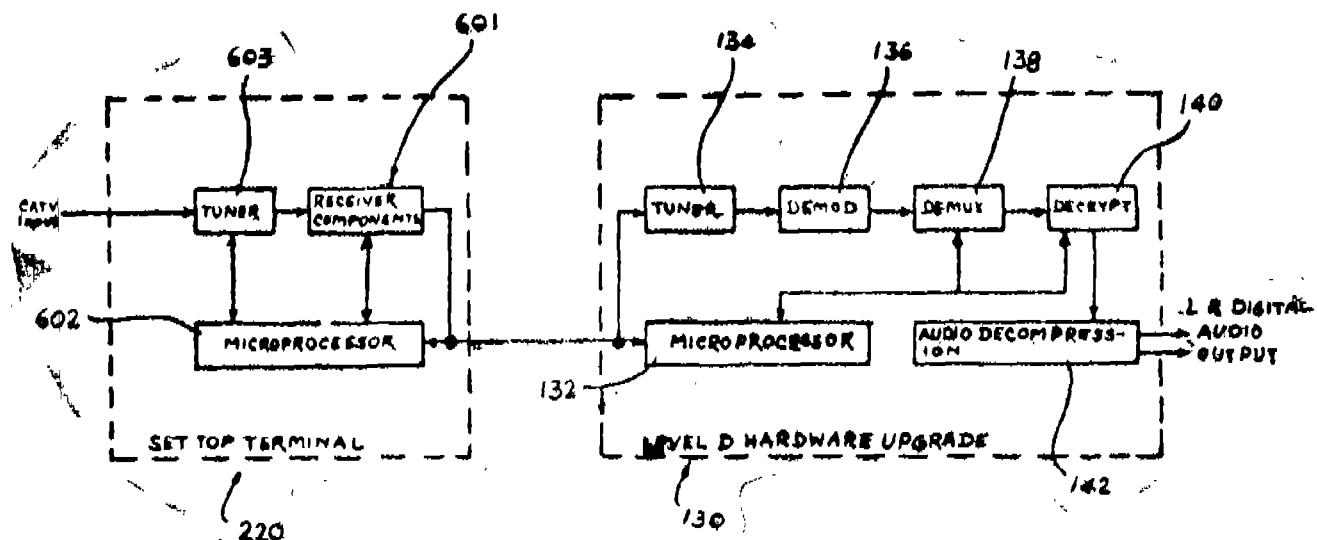
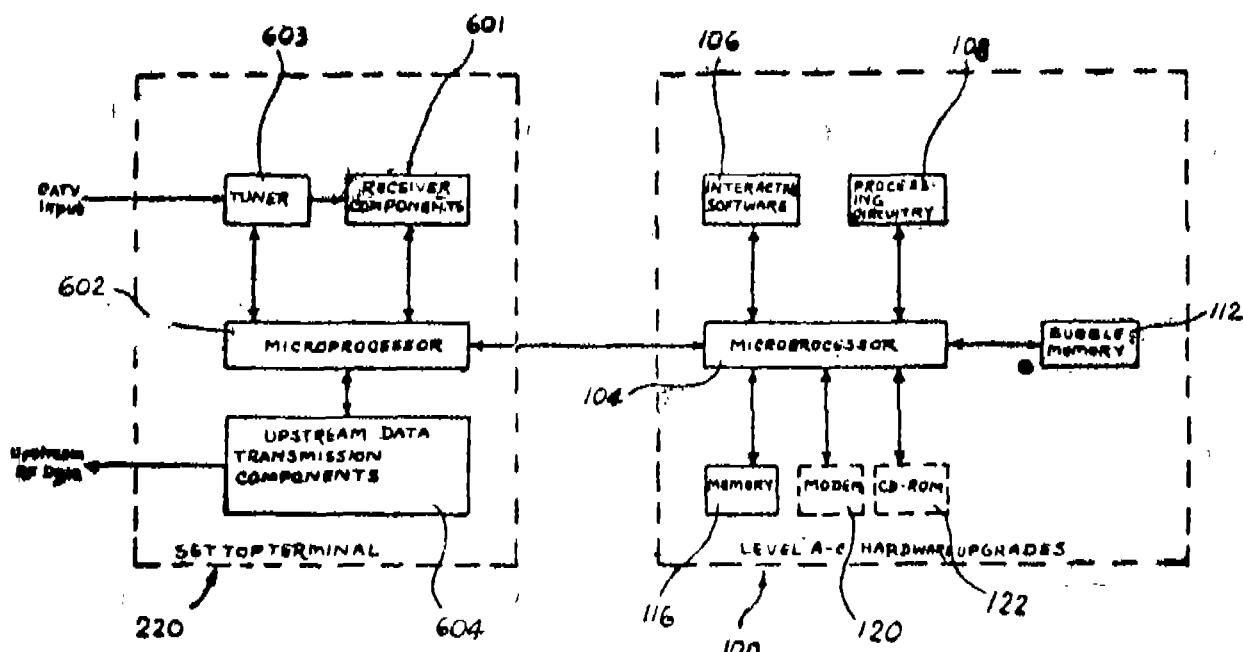
Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

10 Claims

An apparatus for enhancing the functionality of a set top terminal (220) for use in a cable television system comprising :

a set top terminal (220), wherein subscriber interactive inputs and program signals are received; and

a hardware upgrade (100, 130), electronically connected to the set top terminal (22).



(Compl. Specn. : 91 pages)

Drafs. : 32 sheets)

Ind. Cl. : 107 G, H

181512

3 Claims

Int. Cl. : F 02 D 41/14

"A CONTROL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE".

Applicant : BUGATTI ELECTRONICS S.R.L., OF VIA DELLA RESISTENZA 12, 1-41011 CAMPOGALLIANO (MODENA—ITALY).

Inventor : GIOVANNI BARBANTI.

Application No. : 791/Cal/1993 filed on 16th December, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

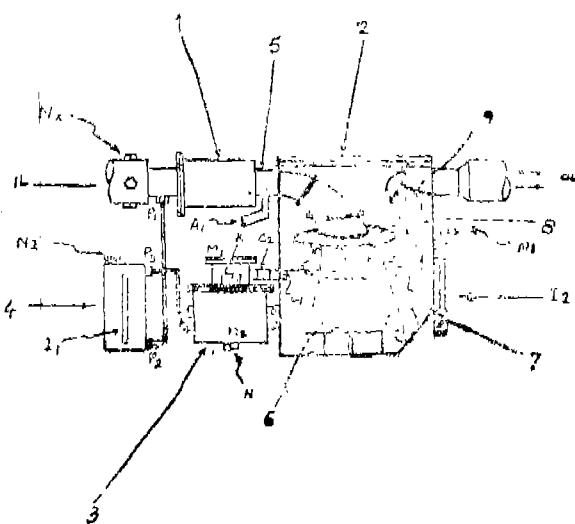
A control system for internal combustion engine which has an exhaust system in which a catalytic muffler is fitted with a catalytic mass to remove the pollutants coming from said engine the control system comprising :

a flowmeter for measuring a rate of flow of air drawn into the engine, said flowmeter producing electrical signals indicative of the measured air flow rate;

injectors which are controllable by electrical signals and which can vary a rate at which fuel is delivered to the flow of air drawn into the engine;

a primary oxygen sensor located in the exhaust system of said engine, upstream of the catalytic muffler, the primary oxygen sensor producing

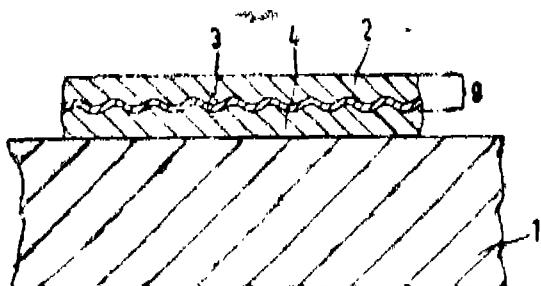
(2) partly filled up with a liquid, the said expanding diameter (6) is provided with a baffle (8) and a trap (7) contain in the liquid, and an outlet (OL) provided at the top end of the said third chamber (2) with a guide wall (9) and an overflow drain of the said tray (7) connects through an outlet C_1 of the said third chamber (2) to an opening C_2 of the first filtration chamber (M_1) of the solid particle filtration chamber (3) and the second filtration chamber (M_2) of the said chamber (3) connects through an outlet P , with a pipe to an inlet (P_1) of the said source (4).



(Compl. Specn. : 10 Pages;

Drgns. : 1 Sheet)

applying a further layer of reaction lacquer, such as herein described, to the reflective layer.



(Compl. Specn. : 19 Pages;

Drgns. : 8 Sheets)

Cl. : 69 P

181516

Int. Cl. : H 02 B 1/02

DRIVE DEVICE FOR AN ISOLATING OR EARTHING SWITCH IN A SWITCHPANEL.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY.

Inventors :

- (1) ROLF MUELLER
- (2) KARL-HEINZ GRONEMANN.

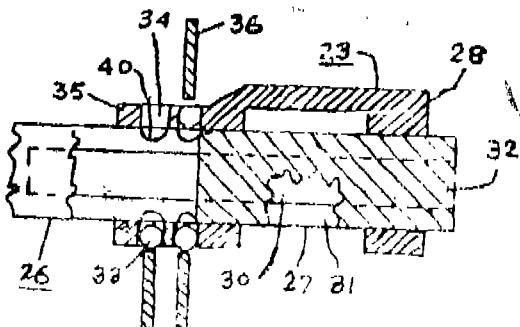
Application No. 255/Cal/94 filed on 11th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

4 Claims

Drive device for an isolating or earthing switch (17) in a switchpanel (1) set up for a mobile switching device (10), having an insertion opening (22), accessible on the operating face of the switchpanel (1), for a crank (20) and having a coupling subassembly (23) which connects the crank (20) to internal drive parts (25) for the isolating or earthing switch (17), characterized in that

- the coupling subassembly (23) has a housing (28) for mounting a shaft (26) which belongs to the internal drive parts (25) and can be actuated by the crank (20).
- a filler member (32) is guided in an axially displaceable fashion in the end part (27) of the shaft (26).
- at least one guide opening (34) for a blocking member (33) is arranged in the housing wall (35).
- the blocking member (33) can be moved into the path of the filler member (32) by means of a locking member (36) or can be moved by means of the filler member (32) into engagement with the locking member (36), and the end part (27) of the shaft (26) is thereby accessible or in accessible to the crank (20).



(Compl. Specn. : 7 Pages;

Drgns. : 1 Sheet)

Inventors :

- (1) WITTICH KAULE
- (2) GREGOR GRAUVOGL.

Application No. 106/Cal/1994 filed on 18th February, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

17 Claims

A method for producing a security document such as bank note, identity card or the like with a multilayer security element, comprising the steps of :

introducing a layer or reaction lacquer, such as herein described, between a document material, such as herein described, and matrix bearing diffraction structure (s), in particular holographic structure (s) in the form of relief structure (s), activating the reaction lacquer shortly before or during contacting, whereby the reaction lacquer is caused to be cured during contacting to an extent such that the layer of reaction lacquer has the diffraction structure embossed therein, after separation from the matrix, and no action of radiation occurs during contact.

providing the embossed layer of the reaction lacquer with a reflective layer, such as herein described, and

Cl. : 70 B

181517

Int. Cl. : C 25 B 11/03, 11/04, 13/02, 13/04

A CELL ELEMENT FOR ELECTROCHEMICAL CELL.

Applicant : DE NORA PERMELEC S.P.A., OF VIA BISTOLFI 35-20134 MILAN, ITALY.

Inventors :

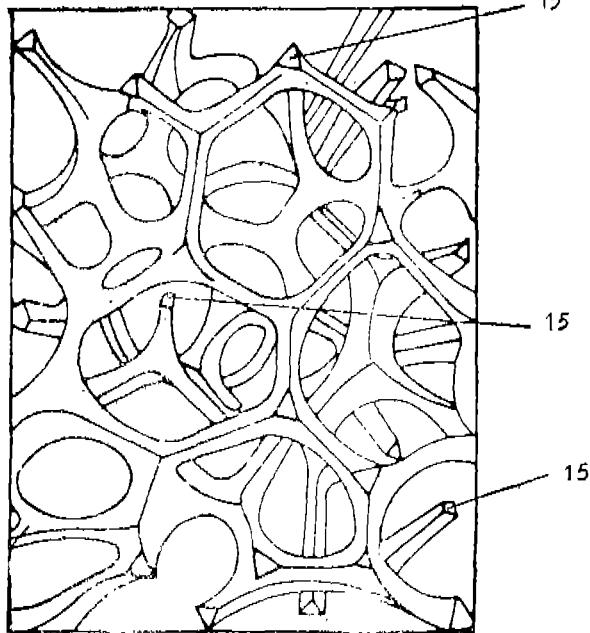
- (1) FAITA GIUSEPPE
- (2) MANTEGAZZA CLAUDIO.

Application No. 271/Cal/1994 filed on 18th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

38 Claims

A cell element for an electrochemical cell comprising a pair of bipolar or end plates (1, 18) made of metal or metal alloys capable of forming a protective oxide, provided with holes (2) for feeding gaseous reactant or liquid reactants without electrolytes and removing the products and the residual gaseous reactants, a pair of electrocatalytic porous electrodes (7), an ion exchange membrane (6), a pair of gasket frames (8), a pair of current collectors (14) permeable to gas flow, at least one of said collectors (14) consisting a porous resilient material and being provided with a multiplicity of contact points, characterized in that, said porous material of at least one of said collectors (14) has voids with dimensions comprised between 0.1 and 3mm and has a residual deformability and resiliency under a pressure comprised between 0.1 and 80 kg/cm², said multiplicity of contact points of at least one of the collectors (14) allowing for the rupture of the protective oxide of said bipolar or end plates (1, 18) under said pressure



(Compl. Specn. : 49 Pages)

Drgns. : 5 Sheet(s)

Cl. : 145 B E 3

181518

Int. Cl. : D 21 H 1/26
D 21 C 3/00, 3/22

A METHOD OF MAKING A COLLAGEN STRENGTHENED CELLULOSIC SHEET.

Applicant : RANPAK CORPORATION, OF 8023 CRILE ROAD, CONCORD, OHIO 44077-9702 UNITED STATES OF AMERICA.

Inventors :

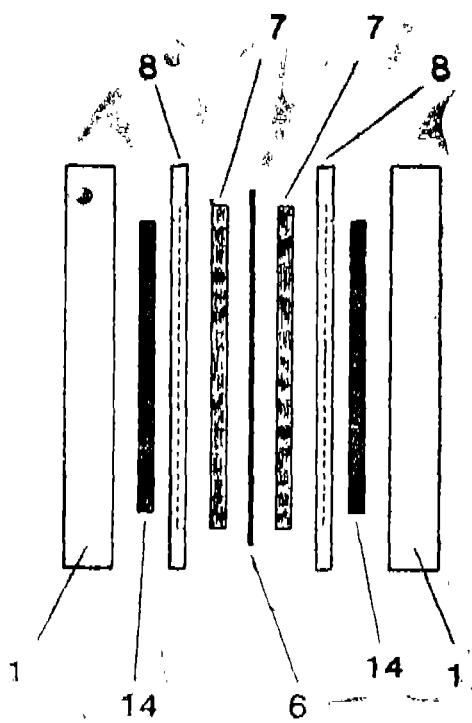
- (1) KENNETH EUGENE HUGHES
- (2) DAVID CHRIS MASTERSON
- (3) DAVID JORDAN FINK
- (4) GORDON EUGENE PICKETT
- (5) BARBARA ANN METZ
- (6) PAUL MICHAEL GEMMER
- (7) RICHARD SIMON BRODY.

Application No. 408/Cal/94 filed on 30th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

66 Claims

A method for making a collagen strengthened cellulosic sheet comprising :



- (a) mixing a cellulosic material selected from the group consisting of virgin paper pulp, broken, reclaimed paper, reclaimed carton container, or a mixture thereof with a solution comprising water, or water and sodium hydroxide, and mechanically pulping until a pulp slurry is formed having a consistency of about 3wt% to about 6 wt% based on dry pulp solids;
- (b) diluting said pulp slurry to a consistency of about 1wt% to about 3wt% based on dry pulp solids and adjusting pH to about 3.5 to about 7.0;
- (c) adding between about 0.1 dry wt% to about 2 dry wt% soluble collagen (Based on dry weight of cellulosic material) to said diluted pulp slurry, and mixing at a shear rate and a time effective for interaction of said diluted slurry solids and soluble

collagen, whereby at least a substantial portion of said soluble collagen is bound to said paper pulp to form a collagen-pulp slurry;

- (d) diluting said collagen-pulp slurry to between about 0.1 dry wt% and 1 dry wt% consistency;
- (e) forming said collagen-pulp slurry into a sheet; and
- (f) drying said sheet.

(Compl. Specn. : 66 Pages;

Drgns. : 4 Sheets)

Cl. : 194 - 5

181519

Int. Cl. : H 01 J 61/36

A METAL HALIDE DISCHARGE LAMP.

Applicant : PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, OF HELLABRUNNER STR. 1, 81543 MUENCHEN, GERMANY.

Inventors :

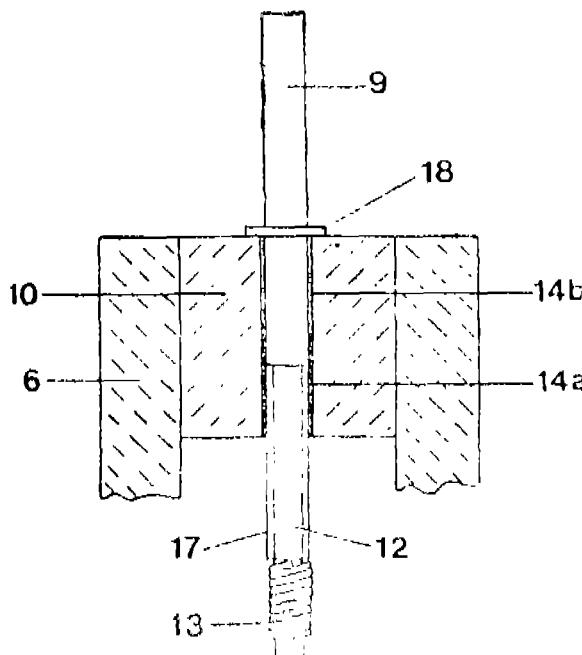
- (1) DR. JURGEN HEIDER
- (2) DR. STEFAN JUNGST
- (3) PETER WAHRENDORFF.

Application No. 467/Cal/1994 filed on 20th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

11 Claims

A metal halide discharge lamp having a ceramic discharge vessel (4) which retains a filling comprising metal halides, the discharge vessel (4) having two ends (6) with openings therein, two electrodes (11) being connected to external current supply leads (7) via feedthroughs (9) inserted in the openings, one or both openings being vacuum-tightly sealed by the use of glass solder (14), characterised in that the feedthrough is part of a component and said component comprising the feedthrough is so inserted in the opening that a gap is formed, a first zone of the gap facing the discharge being sealed by a first glass solder (14a) melting at high temperature and a second zone of the gap remote from the discharge being sealed by a second glass solder (14b) melting at low temperature, the two glass solders comprising Al_2O_3 , optionally SiO_2 and at least a further component M_xO_y which is an oxide of one of the metals selected from La, Sc, Y, rare earth metals, Mg, Zr, Ti, and xy stand for numbers upto 4 with the first glass solder comprising 0-12% by weight of SiO_2 and the second glass solder comprising 20-40% by weight of SiO_2 .



(Compl. Specn. : 16 Pages;

Drgns. : 4 Sheets)

Cl. : 157 D 6

181520

Int. Cl. : E 01 B 9/34

A RESILIENT CLIP.

Applicant : JUDITH ELIZABETH REX OF TULLAMORE, MONTACUTE, SOUTH AUSTRALIA 5134, AUSTRALIA.

Inventor :

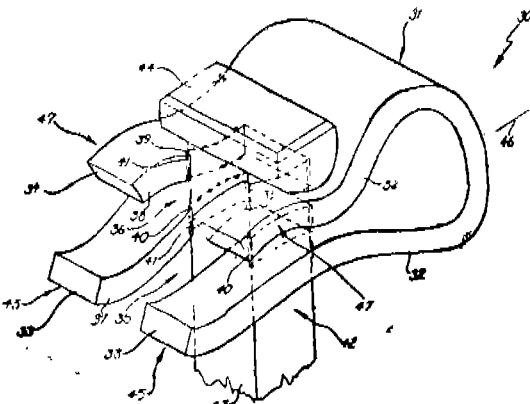
- (1) ROBERT JOHN REX.

Application No. 507/Cal/1994 filed on 28th June, 1994. (Convention No. PM3300 on 10-01-94 in Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

6 Claims

A resilient clip to engage an insert of a resilient fastening system for a rail, said clip being formed of metal strip so as to have two end extremities, and wherein at least one extremity is bifurcated so as to have a recess extending longitudinally from one of said extremities, said recess being defined between two longitudinally extending edges, with at least one of the longitudinal edges being provided with an abutment surface facing longitudinally away from said one extremity, which abutment surface is to engage the insert to inhibit removal of the clip.



(Compl. Specn. : 7 Pages;

Drgns. : 2 Sheets)

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. I. T. C. Limited, Calcutta-700 071 on Patent Application No. 179261 (735/Mas/90) made by M/s British - American Tobacco Company Limited, London, England.

CESSATION OF PATENTS

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164282 164341 164393 164426 164428 164479 164505 164517
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PATENT SEALED ON 05-06-98.

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CAL-02, DEL-NIL, MUM-08, CHEN-16.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of the registration included in the entries.

Class 1. No. 173744. Shridher Eknath Bakre of 304, Shashiday Co-op. Hsg. Soc., Kipar Road, Dombivali (West), 421202, Maharashtra, India, Indian. "Flap Stay". April 30, 1997.

Class 1. No. 173841. Bhuler AG. of CH-9240, Uzwil, Switzerland. Swiss Company, "Roller Mill". May 9, 1997.

Class 3. No. 173733. Hindustan Lever Ltd. Indian Company, Brookefields, P. B. 3777, Marathahalli, P. O. Bangalore, Karnataka, India. "Container". April 29, 1997.

Class 3. No. 173751. Special Polymers of India of 1/5, Kirti Nagar Industrial Area, New Delhi-110015, India. "Knapsack Sprayer Tank". April 30, 1997. Partnership Firm.

Class 3. No. 173971. Vogue Colours, Indian Proprietorship Firm of 24, Radhika Niwas, Kurla Road, Near Natraj Studio, Andheri (E), Mumbai-400069, Maharashtra, India. "Nappy Flipper". June 4, 1997.

Class 3. No. 173795. Omron Corporation, Japanese Co. of 10, Tsuchido-cho, Nanazono, Ukyo-ku Kyoto, Japan. "Time Swith". May 5, 1997.

Class 3. No. 173819. Kennel, Indian Proprietary Firm of 107/208, Mohamed Ali Road, Hasham Bldg., 2nd flr., Block No. 3, Room No. 1, Bombay-400003, India. May 8, 1997. "Dog Tug".

Class 3. No. 173858. L. V. Sham Cottage Industries, 2292/2, Indian Gate Hakiman, Amritsar-143001, Punjab, India. Indian Partnership firm. "Torch". May 14, 1997.

H. D. THAKUR
 Controller General of Patents, Designs & T. Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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